



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H110980

Mode: Highway

Status: Submitted

NC-133

From/Cross Street: I-140/US17 (Wilmington Bypass)

Specific Improvement Type: 1 - Widen Existing Roadway

To: Division Drive

Project Category: Regional Impact

Length: 3.66

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$28,897,000

Description:

Widen Highway, Add Multi-Use Path

Division(s): Division 3

County(s): NEW HANOVER

MPOS(s)/RPO(s): Wilmington Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 55.59

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 77.08	Percent: 15%	Percent: 15%
Multimodal + [Freight & Military] (25%) 25.26	Points: 100	Points: 100
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 70% Weighted Score: 25.59		

Division Needs Total Score: 53.97

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 55.15	Percent: 25%	Percent: 25%
Safety (20%) 77.08	Points: 0	Points: 100
Multimodal + [Freight & Military] (10%) 25.26		
Totals: Weight: 50% Weighted Score: 28.97		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	46
Length (miles):	3.66
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	13137.72
Capacity:	15800.01
Volume/Capacity Ratio:	0.83
% Autos:	93%
% Trucks:	7%
Truck Volume:	894.37
Crash Density:	85.13
Crash Severity:	72.98
Critical Crash Rate:	73.17
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	75
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	3A - 2 Lane with Two Way Left Turn Lane, and Paved Shoulders
Speed Limit:	46
Length (miles):	3.66
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	Yes
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Wilmington Urban Area MPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$27,816,000	TIP Unit
Right-of-Way Cost:	\$965,000	Cost Estimation Tool
Utilities Cost:	\$116,000	Cost Estimation Tool
Total Project Cost:	\$28,897,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$28,897,000	